



INTERNATIONAL SOLAR ENERGY SOCIETY

ISRAEL SUSTAINABLE ENERGY SOCIETY

האגודה הישראלית לאנרגיה מתחדשת

## ISES Annual Meeting

Wednesday October 6, 2010

Weizmann Institute of Science  
Ebner Auditorium

**08:00-08:50 Registration / הרשמה**

**09:00-09:15** Opening / דברי פתיחה Michael Epstein, *ISES Chairman*

*Session Chairman: Abraham Kribus*

**09:15-09:45 Invited Presentation**

**Alternative Fuels in Israel**

Dr. Shlomo Wald, *Chief Scientist, Ministry of National Infrastructures*

**09:45-10:25 Invited Presentation**

**IEA recent road map for CSP for the next 20 years.**

Mr Cédric Philibert. *Senior Analyst, Renewable Energy Division  
International Energy Agency, Paris*

**10:25-10:40 1<sup>st</sup> Israeli Solar Student Conference SSC2010 - Overview**

Igal Levine *Weizmann Institute of Science*

**10:40-11:00 Coffee Break / הפסקת קפה**

*Session Chairman: Gady Golan*

**11:00-11:15 Quantum-Dot-Sensitized Solar Cells**

Menny Shalom, Sven Ruhle, Idan Hod, Zion Tachan and Arie Zaban  
*Bar Ilan University*

**11:15-11:30 Semiconductor quantum dot antennas in dye-sensitized solar cells.**

Sophia Buhbut, Stella Izhakov, Elad Tauber, Dan Oron and Arie Zaban, *Bar  
Ilan University and Weizmann Institute*

**11:30-11:45 Organic PV, electricity collect from plant photosynthesis – feasibility and demonstration**

*Ami Elazari, Millennium Electric*

**11:45-12:00 Hybrid structures of porous silicon and conjugated polymers for photovoltaic applications**

Amit Nahor, Oren Berger, Yoseph Bar-David, Gil Toker, Yair Tamar, Micha Asscher, Shlomo Yitzchaik and Amir Sa'ar  
*Hebrew University of Jerusalem*

**12:00-12:15 Vertical junction Si cells for concentrating photovoltaics**

Rona Sarfaty, Roni Pozner, Gideon Segev, Abraham Kribus and Yossi Rosenwaks, *ORT Braude*

**12:15-12:30 Multi Solar (PVT) air conditioning system/Multi Solar desalination plant**

*Ami Elazari, Millennium Electric*

**12:30-12:45 Investigation of thin Sn films deposited by various PVD methods**

A. Axelevitch, B. Gorenstein, G. Golan, *HIT*

**12:45-14:00 Lunch Break / הפסקת צהריים**

*Session Chairman: Uriel Fisher*

**14:00-14:30 Invited Presentation**

**Optics of Solar Concentrating Technologies - A review**

Akiba Segal, *Weizmann Institute of Science*

**14:30-14:45 Solar Radiation on Horizontal Tubular Microalgae Photo-bioreactor Plant**

T. Maor and J. Appelbaum, *Tel Aviv University*

**14:45-15:00 Solar Hybrid STIG Cycle**

Maya Livshitz and Avraham Kribus, *Tel Aviv University*

**15:00-15:15 Solar Air Conditioning Based on Liquid Desiccant Open Absorption Cycle**

K. Gommed and G. Grossman, *Technion*

**15:15-15:30 Solar Energy Storage in PCM within domestic water tanks**

Avraham Dayan and Shai Reis, *Tel Aviv University*

**15:30-15:50 Coffee Break/ הפסקת קפה**

*Session Chairman: Michael Epstein*

**15:50-16:05 Society General Meeting** האסיפה הכללית של האגודה

אישור דוח כספי 2009

הודעה בעניין בחירת ועד חדש לעמותה

שונות

*Session Chairman: Dan Sagie*

**16:05-16:20 Cogeneration of hydrogen and power by Super-Critical Water Gasification (SCWG)**

Alon Ganani, Avraham Kribus, Amos Ullmann, Michael Epstein, *Tel Aviv University and Weizmann Institute of Science*

**16:20-16:35 30 years of CSP (Concentrating Solar Power) Systems**

Aharon Roy, *Ben-Gurion University of the Negev*

**16:35-17:30 דיון בנושא: קידום אנרגיה חילופית בישראל**

מנחה: יעל כהן-פארן, הפורום הישראלי לאנרגיה

ובהשתתפות: דן זסלבסקי, דב רביב, שלמה וולד

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